

Datasheet for ABIN1019662
anti-Gelsolin antibody (N-Term)



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1 Image

Overview

Quantity:	100 µg
Target:	Gelsolin (GSN)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Gelsolin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Gelsolin (isoform a)
Immunogen:	Peptide with sequence PQGRVPEARNS-C, from the N Terminus of the protein sequence according to NP_000168.1, NP_937895.1, NP_001121138.1.
Sequence:	PQGRVPEAR NS
Isotype:	IgG
Specificity:	This antibody is expected to recognize isoform a (NP_000168.1) only . Reported variants represent identical protein: NP_001121138.1, NP_001121139.1 Reported variants represent identical protein: NP_001121135.1, NP_937895.1, NP_001121134.1, NP_001121137.1,
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

	chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	Gelsolin (GSN)
Alternative Name:	GSN
Background:	GSN, gelsolin, ADF, AGEL, DKFZp313L0718, OTTHUMP00000022011, OTTHUMP00000022014, OTTHUMP00000162202, actin-depolymerizing factor, brevini
Gene ID:	2934
NCBI Accession:	NP_000168 , NP_937895 , NP_001121138
Pathways:	Caspase Cascade in Apoptosis , Regulation of Actin Filament Polymerization , Autophagy

Application Details

Application Notes:	Western Blot: Approx 100 kDa band observed in Human Colon, Duodenum, Heart and Skeletal Muscle lysates (calculated MW of 85.7 kDa according to NP_000168.1). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

at 4°C for a few weeks and still remain viable.



Western Blotting

Image 1. ABIN1019662 (1µg/ml) staining of Human Duodenum lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.